

Anti-NRG3 antibody [EPR4148] ab109256

リコンビナント **RabMAb**

1 Abreviews **2** References **画像数** **3**

製品の概要

製品名	Anti-NRG3 antibody [EPR4148]
製品の詳細	Rabbit monoclonal [EPR4148] to NRG3
由来種	Rabbit
アプリケーション	適用あり: WB, Flow Cyt (Intra) 適用なし: ICC/IF, IHC-P or IP
種交差性	交差種: Mouse, Rat, Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
ポジティブ・コントロール	WB: Fetal brain, SH-SY5Y, C6, mouse brain and rat brain lysates. Flow Cyt (intra): Permeabilized C6 cells
特記事項	This product is a recombinant monoclonal antibody, which offers several advantages including: <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production For more information see here . Our RabMAb [®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents .

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
バッファー	pH: 7.20 Preservative: 0.05% Sodium azide Constituents: 0.1% BSA, 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 50% Tissue culture supernatant
精製度	Tissue culture supernatant
ポリ/モノ	モノクローナル
クローン名	EPR4148

アプリケーション

The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab109256の使用に適用されます**
 アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

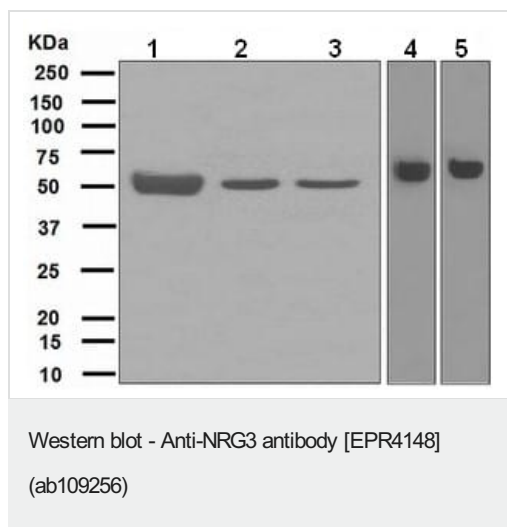
アプリケーション	Abreviews	特記事項
WB		1/1000 - 1/10000. Detects a band of approximately 56 kDa (predicted molecular weight: 77 kDa).
Flow Cyt (Intra)		1/10 - 1/100. ab172730 - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.

追加情報 Is unsuitable for ICC/IF, IHC-P or IP.

ターゲット情報

機能	Direct ligand for the ERBB4 tyrosine kinase receptor. Binding results in ligand-stimulated tyrosine phosphorylation and activation of the receptor. Does not bind to the EGF receptor, ERBB2 or ERBB3 receptors. May be a survival factor for oligodendrocytes.
組織特異性	Highly expressed in most regions of the brain with the exception of corpus callosum. Expressed at lower level in testis. Not detected in heart, placenta, lung, liver, skeletal muscle, kidney, pancreas, spleen, thymus, prostate, ovary, small intestine, colon and peripheral blood leukocytes.
配列類似性	Belongs to the neuregulin family. Contains 1 EGF-like domain.
発生段階	Isoform 3 is expressed in fetal brain but not in other fetal tissues.
ドメイン	The cytoplasmic domain may be involved in the regulation of trafficking and proteolytic processing. Regulation of the proteolytic processing involves initial intracellular domain dimerization. ERBB receptor binding is elicited entirely by the EGF-like domain.
翻訳後修飾	Proteolytic cleavage close to the plasma membrane on the external face leads to the release of the soluble growth factor form. Extensive glycosylation precedes the proteolytic cleavage (By similarity). Isoform 3 is glycosylated.
細胞内局在	Secreted; Cell membrane. Does not seem to be active and Cell membrane. Isoform 3 is also proteolytically released as a soluble form.

画像



All lanes : Anti-NRG3 antibody [EPR4148] (ab109256) at 1/1000 dilution

Lane 1 : Fetal brain lysate

Lane 2 : SH-SY5Y lysate

Lane 3 : C6 lysate

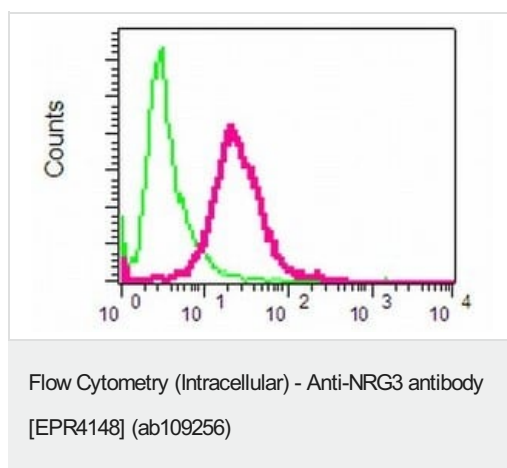
Lane 4 : Mouse brain lysate

Lane 5 : Rat brain lysate

Lysates/proteins at 10 µg per lane.

Predicted band size: 77 kDa

Observed band size: 56 kDa



Intracellular flow cytometric analysis of permeabilized C6 (Rat glial tumor cell line) cells using ab109256 (red) or a rabbit IgG (negative) (green).

Why choose a recombinant antibody?

Research with confidence
Consistent and reproducible results

Long-term and scalable supply
Recombinant technology

Success from the first experiment
Confirmed specificity

Ethical standards compliant
Animal-free production

Anti-NRG3 antibody [EPR4148] (ab109256)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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